

## WATER-COLLAPSIBLE WET SHEET FOR WIPING

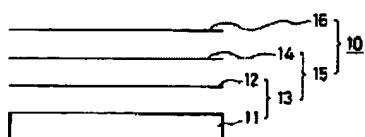
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**[57] Abstract:**

**PURPOSE:** To provide a water-collapsible wet sheet for wiping which has high wet strength at the time of use and is easily collapsible in water at the time of discarding.

**CONSTITUTION:** This water-collapsible wet sheet for wiping is composed by using a sheet blank which consists of pulp adsorbed with glycerol, propylene glycol or polyethylene glycol having an average mol.wt. of 200 to 600, etc., at the same pts. wt. to  $\geq 1/3$  pts.wt. or natural fibers or synthetic fibers, coating this sheet blank with an aq. polyvinyl alcohol (PVC) soln. 14 consisting of 5 to 20 pts.wt. PVA having an average degree of polymn. of 300 to 700 and a rate of saponification of 98 to 99mol% and 80 to 95 pts.wt. water to adsorb the PVA at 10 to 80g/m<sup>2</sup> thereon. The sheet blank is thereafter, coated with a soln. 16 prep'd. by dispersing and dissolving an electrolyte into an aq. soln. of 0. 1 to 2.0% water-soluble polymer to adsorb the electrolyte thereon at 3 to 10g/m<sup>2</sup>.

**[51] Int'l Class:** A47L01317 A47K00708 A47K01110